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# BATTERY ROTATION

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CAUTION | WHY? | HOW?

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## CAUTION!!

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**DO THIS AT  
YOUR OWN  
RISK!!**

**This is a  
potentially  
dangerous  
operation.**

**Do in a well-  
vented room.**

**Burns Lake Solar  
assumes no  
liability.**

**As with anything,  
do your research.**

**Be informed.**



## Why Rotate?

I was told by a long time off gridder that other old timers were getting more life out of batteries by rotating them.

Seems if we are moving our batteries every 6 months or so it helps keep them in balance.

When charging a battery bank not all batteries in that bank are getting the same amps into them.

The ones in the middle of the bank are always a bit behind in charge.

Rotation of your bank means that each one gets to get out of the middle.

## How to Rotate Batteries?

- ✦ Turn off main breaker from the battery bank.
- ✦ Loosen all connecting cables between batteries.
  - Take note of how it's set up so you don't connect them up wrong.
  - Taking a picture to refer to works great.
- ✦ Pull the top battery out of the bank.
- ✦ Shuffle them all down a spot.
- ✦ Reinstall top battery to last spot.
- ✦ Reconnect all connecting cables.
  - Be careful to connect only negative to positive posts.
  - You don't want to know what happens when you accidentally touch a positive to positive.  
(Don't ask how I know this!)
- ✦ Last reconnect all positive and negative leads.
  - Expect a small spark on last connection if you have a BMK or other battery monitor.

